Essential LEDtube - Affordable LED solution

Essential LEDtube

Essential LEDtube is an affordable LED tube that is suitable for replacing T8 fluorescent lamps. The product provides a natural lighting effect for use in general lighting applications, as well as instant energy savings – an environmentally friendly solution.

Benefits

- Reduced electricity costs thanks to significant energy savings
- Reduced electricity costs thanks to significant energy savings
- Longer lifetime minimizes re-lamping for reduced maintenance costs
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- A better choice for the environment – no mercury
- A better choice for the environment – no mercury

Features

- Affordable LED replacement for T8 fluorescent lamps
- Affordable LED replacement for T8 fluorescent lamps
- Energy consumption less than half that of normal fluorescent lamps
- Energy consumption less than half that of normal fluorescent lamps
- 25,000 hours lifetime, double that of normal fluorescent lamps
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- No mercury; glass-free tube – no breakage concerns
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Application

- Retail, offices
- Retail, offices
- Industry, warehouses, public places, schools, hospitals, car parks
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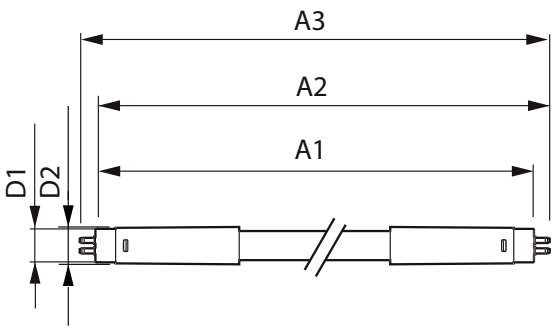
Versions

LEDtube 600mm, 1200mm G13 T8 AP C G

Dimensional drawing

Product	D1	D2	A1	A2	A3	C	D
LEDtube 1200mm 16W 740 T8 AP I G	25.68 mm	28 mm	1,198 mm	1,205 mm	1,212 mm	1,212 mm	27.8 mm
LEDtube 1200mm 16W 765 T8 AP I G	25.68 mm	28 mm	1,198 mm	1,205 mm	1,212 mm	1,212 mm	27.8 mm
LEDtube 600mm 8W 740 T8 AP I G	25.68 mm	28 mm	588.5 mm	595.5 mm	602.5 mm	602.5 mm	27.8 mm
LEDtube 600mm 8W 765 T8 AP I G	25.68 mm	28 mm	588.5 mm	595.5 mm	602.5 mm	602.5 mm	27.8 mm



Product	D1	D2	A1	A2	A3
CorePro LEDtube 600mm 8W840 G5 I APR	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm
CorePro LEDtube 600mm 8W865 G5 I APR	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm

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General Information	
Switching Cycle	50,000
Light Technical	
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Line Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s
Temperature	
Ambient temperature range	-20 °C to 45 °C
Controls and Dimming	
Dimmable	No

General Information

Order Code	Full Product Name	Cap-Base	Nominal lifetime
929001184738	LEDtube 600mm 8W 740 T8 AP I G	G13	15,000 hour(s)
929001380708	CorePro LEDtube 600mm 8W840 G5 I APR	G5	30,000 hour(s)
929001380808	CorePro LEDtube 600mm 8W865 G5 I APR	G5	30,000 hour(s)

Order Code	Full Product Name	Cap-Base	Nominal lifetime
929001184538	LEDtube 1200mm 16W 740 T8 AP I G	G13	15,000 hour(s)
929001184638	LEDtube 1200mm 16W 765 T8 AP I G	G13	15,000 hour(s)
929001184838	LEDtube 600mm 8W 765 T8 AP I G	G13	15,000 hour(s)

Light Technical

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Color Code	Luminous Flux
929001184738	LEDtube 600mm 8W 740 T8 AP I G	240 degree(s)	4000 K	73	740	800 lm
929001380708	CorePro LEDtube 600mm 8W840 G5 I APR	200 degree(s)	4000 K	80	840	1,050 lm
929001380808	CorePro LEDtube 600mm 8W865 G5 I APR	200 degree(s)	6500 K	80	865	1,050 lm
929001184538	LEDtube 1200mm 16W 740 T8 AP I G	240 degree(s)	4000 K	73	740	1,600 lm
929001184638	LEDtube 1200mm 16W 765 T8 AP I G	240 degree(s)	6500 K	73	765	1,600 lm
929001184838	LEDtube 600mm 8W 765 T8 AP I G	240 degree(s)	6500 K	73	765	800 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
929001184738	LEDtube 600mm 8W 740 T8 AP I G	8 W
929001380708	CorePro LEDtube 600mm 8W840 G5 I APR	8 W
929001380808	CorePro LEDtube 600mm 8W865 G5 I APR	8 W

Order Code	Full Product Name	Power Consumption
929001184538	LEDtube 1200mm 16W 740 T8 AP I G	16 W
929001184638	LEDtube 1200mm 16W 765 T8 AP I G	16 W
929001184838	LEDtube 600mm 8W 765 T8 AP I G	8 W

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001184738	LEDtube 600mm 8W 740 T8 AP I G	60 °C
929001380708	CorePro LEDtube 600mm 8W840 G5 I APR	70 °C
929001380808	CorePro LEDtube 600mm 8W865 G5 I APR	70 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929001184538	LEDtube 1200mm 16W 740 T8 AP I G	60 °C
929001184638	LEDtube 1200mm 16W 765 T8 AP I G	60 °C
929001184838	LEDtube 600mm 8W 765 T8 AP I G	60 °C

Mechanical and Housing

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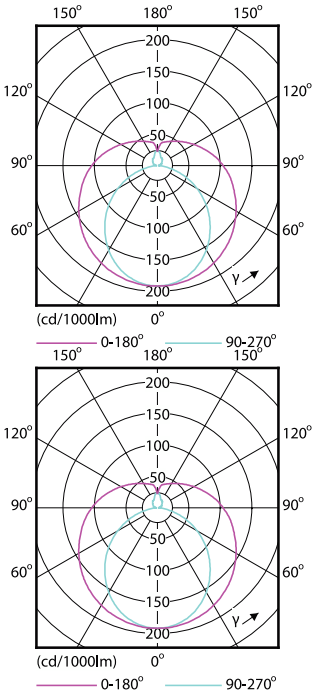
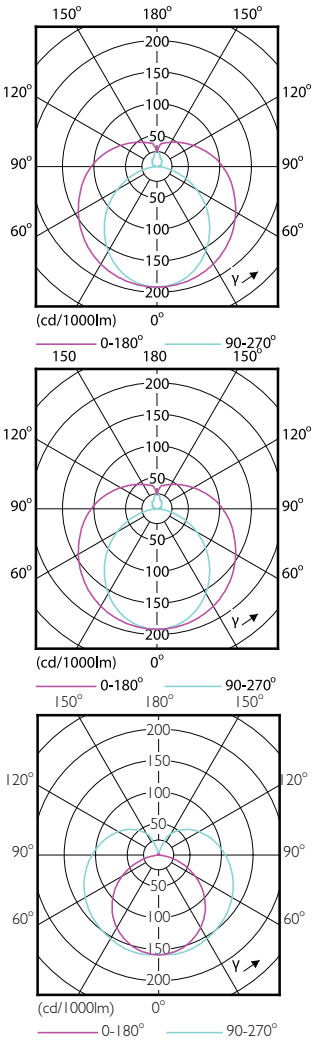
Order Code	Full Product Name	Bulb Shape
929001184738	LEDtube 600mm 8W 740 T8 AP I G	T8
929001380708	CorePro LEDtube 600mm 8W840 G5 I APR	T5
929001380808	CorePro LEDtube 600mm 8W865 G5 I APR	T5

Order Code	Full Product Name	Bulb Shape
929001184538	LEDtube 1200mm 16W 740 T8 AP I G	T8
929001184638	LEDtube 1200mm 16W 765 T8 AP I G	T8
929001184838	LEDtube 600mm 8W 765 T8 AP I G	T8

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929001184738	LEDtube 600mm 8W 740 T8 AP I G	8 kWh
929001380708	CorePro LEDtube 600mm 8W840 G5 I APR	8 kWh
929001380808	CorePro LEDtube 600mm 8W865 G5 I APR	8 kWh
929001184538	LEDtube 1200mm 16W 740 T8 AP I G	16 kWh
929001184638	LEDtube 1200mm 16W 765 T8 AP I G	16 kWh
929001184838	LEDtube 600mm 8W 765 T8 AP I G	8 kWh





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